Dear Students and Teachers,

Geography is a subject that explores the relationship between humans and the natural environment. The goal of this atlas is to help you investigate this relationship and understand how it has changed over time. As you study the maps, text, and images, ask these essential questions:

- Why do people come to California?
- Why do people settle where they do?
- How do people supply their own needs and the needs of others?
- How do people adapt to and alter the environment?
- How do people move throughout California?

The questions apply to everyone who has lived in California in the past. And they still apply to everyone living here today — including you.

Many people who have studied these topics made this atlas possible. We are friends, united by a desire to help California's students and teachers form their own answers to these essential questions. Doing so will put the maps to good use.

In addition to the people listed on the credits page, we need to thank or friends with the Center for Geography Education in Oregon who generously shared content for the map study skills section. The National Geographic Society and the California Global Education Project provided financial support for the development of this edition of the atlas.

As of December 2019, the population of California is estimated to be 39.96 million, making it the most populous of the United States. We come from every corner of the globe. The population continues to grow, but that growth has slowed significantly after several decades of rapid increases. Our state is a world leader in agriculture, digital age technology, education, and environmental protection. Our future prosperity depends on citizens who understand the environmental, cultural, and economic factors that influence our lives. This atlas will help you become an active contributor to our future.

Table of Contents _____

California and the World	2-3
What is a Map/How Cartographers Use Symbols	4
Map Scale/Using Scale Bars	5
Making a Globe Become a Map/Map Projections	6
Map Distortions/Latitude and Longitude Lines	7
Types of Maps	8
Earthquakes and Fault Zones	9
Physical Geography	10
Land Cover	11
North American Watersheds	12
Physiographic Regions	13
Minimum January Temperatures	14
Maximum July Temperatures	15
Climographs / Elevation Profiles	16
Annual Precipitation	17
Native Americans of 1770	18
Native American Lands Today	19
Spanish Missions	20
California Missions	21
Exploration and Early Settlement	22
Mexican Land Grants	23
Gold Rush Routes	24
The Gold Rush	25

Territorial Evolution of California	26
California Counties	27
Railroad Development	28
Federal Lands	29
Native American Trade Routes	30
Major Highways	31
Hydrology Before Human Settlement	32
Water Resources	33
Water Storage and Transport	34
Urban Transfer and Irrigated Lands	35
Urban and Agricultural Lands	36
Agricultural Products	37
Agricultural Exports	
California and the World: Leading Export Markets.	
Immigration	40
Population Diversity	41
Population Density	42
County Population Change Since 1860	43
California Clties and Towns	44-45
Animal Migrations	46-47
Sources	47
Public Colleges and Universities	48
Glossary/Credits	49